

TESTS~ MEN

Primary

- Semen analysis - basic level ~ count, motility, morphology. Private or NHS
- Comprehensive sperm analysis would include: testing for liquefaction/viscosity; PH level; debris; agglutination; antisperm antibodies (MAR test); other cells (round, polymorphonuclear leucocytes, erythrocytes) ~ this level is recommended, but may only be available privately: www.andrologysolutions.co.uk
- Physical testing, looking for blockages, obstructions, inflammation, infections, past testicular injury) – vasogram, ultrasound. Undescended testicles in childhood, which have been operated on later need a semen analysis. NB Any of These might form part of secondary testing, this will be dependent on your fertility clinic/GP/local health authority
- NB varicoceles, vasectomy reversal, hydroceles, mumps, prostatitis, and past testicular cancer can all affect fertility and need to be checked for and medicated where applicable. Please let your clinic/GP know if you've been affected by any of the above.

Secondary

- Testosterone, FSH/LH, prolactin, thyroid, zinc, SHBG ~ blood tests (Hormone profiles)
- DNA fragmentation (assesses genetic makeup of sperm)
- Karyotype (chromosome test) – Non-fertilisation, non-implantation, multiple miscarriages can all indicate chromosome issues/genetic issues
- Oxidative stress (ROS testing)
- Sperm Comet testing ~ quality of DNA & sperm
- Retrograde ejaculation
- Infection Screening

Please be aware that a basic semen analysis is only a visual test and therefore can and does not in anyway give us a deeper knowledge as to the quality of the sperm. You may need to go privately for deeper level testing ~ you would be looking for Andrology/Andrologists

I recommend:

www.andrologysolutions.co.uk

www.xyfertility.co.uk